

WATERSHED NAME & CODE		TURKEY RIVER - 07060004				LANDUSE ACRES		295,331	
LANDUSE TYPE		PASTURELAND				TYPICAL UNIT SIZE ACRES		58	
ASSESSMENT INFORMATION						ESTIMATED PARTICIPATION		16%	
CONSERVATION SYSTEMS BY TREATMENT LEVELS		CURRENT CONDITIONS	FUTURE CONDITIONS			RESOURCE CONCERNS			
		Total Units	Existing Unchanged Units	New Treatment Units	Total Units	Soil Erosion – Streambank	Plant Condition – Productivity, Health and Vigor	Plant Condition – Forage Quality and Palatability	Domestic Animals – Inadequate Quantities and Quality of Feed
Baseline System		System Rating ->				0	0	0	0
Total Acreage at Baseline Level		178,971	147,472	0	147,472				
No Conservation Practices being applied at this level		0	0	0	0	0	0	0	0
Progressive System		System Rating ->				1	4	5	5
Total Acreage at Progressive Level		90,962	79,774	26,667	106,440				
Brush Management (ac.) 314		4,457	3,909	1,307	5,216	1	3	4	2
Fence (ft.) 382		1,043,470	915,123	305,906	1,221,030	0	2	2	4
Pasture & Hayland Planting (ac.) 512		36,112	31,670	10,587	42,257	0	5	5	5
Prescribed Grazing (ac.) 528		5,458	4,786	1,600	6,386	3	5	5	5
Resource Management System (RMS)		System Rating ->				4	5	5	5
Total Acreage at RMS Level		25,398	25,398	16,021	41,419				
Brush Management (ac.) 314		4,191	4,739	2,095	6,834	1	3	4	2
Conservation Crop Rotation (ac.) 328		533	533	336	870	0	4	0	3
Fence (ft.) 382		1,819,653	1,948,000	1,019,431	2,967,431	0	2	2	4
Forest Stand Improvement (ac.) 666		686	686	433	1,118	0	5	4	0
Grade Stabilization Structure (no.) 410		101	101	64	165	3	0	2	0
Nutrient Management (ac.) 590		533	533	336	870	0	3	4	4
Pasture & Hayland Planting (ac.) 512		17,677	22,119	6,709	28,828	0	5	5	5
Pest Management (ac.) 595		533	533	336	870	0	5	4	4
Pipeline (ft.) 516		638,778	638,778	402,920	1,041,698	2	2	2	0
Prescribed Grazing (ac.) 528		22,046	22,717	13,235	35,952	3	5	5	5
Residue Management, No-Till/Strip Till/Direct Seed (ac.) 329		533	533	336	870	0	0	0	2
Riparian Forest Buffer (ac.) 391		1,168	1,168	737	1,905	3	5	0	1
Streambank & Shoreline Protection (ft.) 580		49,481	49,481	31,211	80,692	4	2	0	1
Tree/Shrub Establishment (ac.) 612		406	406	256	663	0	5	0	0
Upland Wildlife Habitat Management (ac.) 645		1,321	1,321	833	2,154	1	4	2	2
Use Exclusion (ac.) 472		2,768	2,768	1,746	4,515	4	4	3	3
Watering Facility (no.) 614		978	978	617	1,595	0	2	3	4
CONSERVATION INVESTMENT INFORMATION									
CONSERVATION SYSTEMS BY TREATMENT LEVELS		FUTURE	USDA INVESTMENT				PRIVATE INVESTMENT		
		New Treatment Units	Installation Cost 50%	Management Cost - 3 yrs 100%	Technical Assistance 20%	Total Present Value Cost	Installation Cost 50%	Annual O & M + Mgt Costs 100%	Total Present Value Cost
Progressive System Acres Treated		26666.61731							
Brush Management (ac.) 314		1,307	\$126,746	\$0	\$25,349	\$152,096	\$126,746	\$2,535	\$138,356
Fence (ft.) 382		305,906	\$284,493	\$0	\$56,899	\$341,391	\$284,493	\$11,380	\$336,608
Pasture & Hayland Planting (ac.) 512		10,587	\$714,599	\$0	\$142,920	\$857,518	\$714,599	\$14,292	\$780,052
Prescribed Grazing (ac.) 528		1,600	\$45,600	\$0	\$9,120	\$54,720	\$45,600	\$0	\$45,600
		Subtotal	\$1,171,438	\$0	\$234,288	\$1,405,725	\$1,171,438	\$28,207	\$1,300,616
Resource Management System (RMS) Acres Treated		16020.52543							
Brush Management (ac.) 314		2,095	\$203,230	\$0	\$40,646	\$243,877	\$203,230	\$4,065	\$221,845
Conservation Crop Rotation (ac.) 328		336	\$0	\$63,585	\$12,717	\$72,670	\$0	\$21,195	\$37,115
Fence (ft.) 382		1,019,431	\$948,071	\$0	\$189,614	\$1,137,685	\$948,071	\$37,923	\$1,121,746
Forest Stand Improvement (ac.) 666		433	\$26,386	\$0	\$5,277	\$31,663	\$26,386	\$1,583	\$33,636
Grade Stabilization Structure (no.) 410		64	\$480,477	\$0	\$96,095	\$576,573	\$480,477	\$9,610	\$524,486
Nutrient Management (ac.) 590		336	\$0	\$13,121	\$2,624	\$14,995	\$0	\$4,374	\$7,659
Pasture & Hayland Planting (ac.) 512		6,709	\$452,825	\$0	\$90,565	\$543,390	\$452,825	\$9,057	\$494,301
Pest Management (ac.) 595		336	\$0	\$4,037	\$807	\$4,614	\$0	\$1,346	\$2,356
Pipeline (ft.) 516		402,920	\$322,336	\$0	\$64,467	\$386,804	\$322,336	\$12,893	\$381,385
Prescribed Grazing (ac.) 528		13,235	\$377,184	\$0	\$75,437	\$452,620	\$377,184	\$0	\$377,184
Residue Management, No-Till/Strip Till/Direct Seed (ac.) 329		336	\$0	\$10,093	\$2,019	\$11,535	\$0	\$3,364	\$5,891
Riparian Forest Buffer (ac.) 391		737	\$233,611	\$0	\$46,722	\$280,334	\$233,611	\$14,017	\$297,804
Streambank & Shoreline Protection (ft.) 580		31,211	\$702,247	\$0	\$140,449	\$842,696	\$702,247	\$28,090	\$830,890
Tree/Shrub Establishment (ac.) 612		256	\$73,054	\$0	\$14,611	\$87,664	\$73,054	\$1,461	\$79,745
Upland Wildlife Habitat Management (ac.) 645		833	\$0	\$24,992	\$4,998	\$28,563	\$0	\$8,331	\$14,588
Use Exclusion (ac.) 472		1,746	\$34,925	\$0	\$6,985	\$41,910	\$34,925	\$2,095	\$44,521
Watering Facility (no.) 614		617	\$308,513	\$0	\$61,703	\$370,215	\$308,513	\$18,511	\$393,287
		Subtotal	\$4,162,859	\$115,828	\$855,738	\$5,127,808	\$4,162,859	\$177,913	\$4,868,439
TOTAL ACRES TREATED / ESTIMATED TREATMENT COSTS		42687.14274	\$5,334,297	\$115,828	\$1,090,025	\$6,533,533	\$5,334,297	\$206,120	\$6,169,055

Note: Estimates for Matrices are for general planning purposes only and not based on actual funding.